



Crop Weather Report

Issue: 11-32
Issued: Weekly: Apr-Oct
Monthly: Nov-Mar

Montana Field Office • 10 W 15th St, Suite 3100 • Helena, MT 59626
(406) 441-1240 • (406) 441-1250 FAX • www.nass.usda.gov/mt

Released: October 17, 2011
For the Week Ending:
October 16, 2011

Weather Summary

Low temperatures dipped below freezing across most of the State, and precipitation was limited in Montana for the week ending October 16. Swan Lake received 1.25 inches of rain; the only location accumulating more than one inch in the state. High temperatures were mostly in the 60s, with lows scattered across the 20s and 30s. Ennis and Gardiner were the warmest locations in the State at 72 degrees. Four stations shared the low temperature of the week at 19 degrees, they were Goldbutte, St Marie, Scobey, and Wisdom.

Both topsoil and subsoil adequate and surplus moisture conditions improved slightly from last week. Topsoil moisture adequate and surplus is 58 percent, which is below both last year's 85 percent and the five-year average of 71 percent. Subsoil moisture adequate and surplus, at 48 percent, is below last year's 87 percent and the five-year average of 50 percent. The number of days suitable for fieldwork, at 5.6 days, was below last year's 6.4 days but above the five-year average of 5.1 days.

The weather outlook for October 24th through October 30th on both the east and west side of the Divide is for above normal temperatures and near normal precipitation. Normal temperatures for this period are highs in the lower 50s to lower 60s with lows in the lower 20s to upper 30s.

Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Field Work				
Days	5.6	4.6	6.4	5.1

Livestock Report

Range and pasture feed conditions were rated below last year but stayed above the five-year average. This week's good to excellent rating sits at 42 percent, below last year's 48 percent but above the five-year average at 30 percent. Over half of the cattle and sheep have been moved from summer ranges. Supplemental feeding of livestock are higher than last year at this time but below the five-year average.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	4	9	2	12
Poor	11	13	8	19
Fair	43	36	42	39
Good	31	32	40	25
Excellent	11	10	8	5
Livestock Moved From Summer Ranges				
Cattle and Calves	64	47	56	65
Sheep and Lambs	68	53	61	69
Livestock Receiving Supplemental Feed				
Cattle and Calves	6	4	4	11
Sheep and Lambs	8	4	3	10

Field Crops Report

Fair weather conditions allowed producers to be in fields most of the week and work on normal fall activities. Seeding of winter wheat is 87 percent planted. Emergence is currently both behind the last year and five-year averages with 50 percent reported as emerged.

Corn crop condition good to excellent is 61 percent compared to 79 percent last year, and 78 percent for the five-year average. Corn harvested for grain is slightly behind last year and the five-year average. Corn harvested for silage at 92 percent is ahead of last year's 87 percent but a little behind the five-year average of 95 percent.

Sugarbeet condition good to excellent is 49 percent compared to 73 percent last year. Sugarbeet harvest is in full swing with 35 percent harvested this week, compared to 9 percent last week.

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	6	12	1	6
Short	36	35	14	23
Adequate	56	51	79	66
Surplus	2	2	6	5
Subsoil Moisture				
Very Short	11	14	1	17
Short	41	41	12	33
Adequate	46	43	84	49
Surplus	2	2	3	1

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Harvested				
Corn for Grain	8	6	10	10
Corn for Silage	92	86	87	95
Dry Beans	95	91	90	95
Sugar Beets	35	9	48	47
Planted				
Winter Wheat	87	73	89	92
Emergед				
Winter Wheat	50	30	59	58

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Corn				
Very Poor	0	0	0	2
Poor	3	2	0	2
Fair	36	32	21	18
Good	44	49	62	59
Excellent	17	17	17	19
Sugar Beets				
Very Poor	0	0	1	n/a
Poor	8	7	4	n/a
Fair	43	40	22	n/a
Good	38	40	57	n/a
Excellent	11	13	16	n/a

Weather Information for the Week ending 10/16/2011

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	63	31	46	0	-1	0.84	+0.65	10.44	+1.89	122	2.02	+1.56	439
Anaconda	59	31	45	0	+0	0.67	+0.47	11.84	+2.38	125	1.61	+1.14	343
Clinton	58	34	48	1	+1	0.52	+0.31	9.31	+1.18	115	1.29	+0.81	269
Corvallis	57	34	46	0	-3	0.43	+0.26	7.12	-0.76	90	1.45	+1.01	330
Creston	60	27	45	3	+3	0.26	-0.02	12.64	+0.01	100	1.88	+1.23	289
Deer Lodge	58	28	44	0	+0	0.17	+0.03	8.78	+0.26	103	0.78	+0.43	223
Drummond	59	28	46	0	+0	0.31	+0.13	8.44	-0.11	99	0.79	+0.34	176
Hamilton	65	29	47	0	-1	0.51	+0.37	8.78	+0.88	111	1.61	+1.25	447
Kalispell	59	26	45	3	+3	0.27	+0.06	10.39	+0.49	105	1.48	+1.00	308
Missoula	61	35	48	1	+0	0.50	+0.31	7.52	-1.03	88	1.45	+0.99	315
Olney	53	24	40	0	+0	0.64	+0.36	15.30	+3.79	133	2.54	+1.90	397
Polson	60	31	46	2	-2	0.79	+0.57	10.83	+0.53	105	2.50	+1.92	431
St Ignatius	61	35	47	2	-1	0.50	+0.22	11.75	+0.77	107	2.44	+1.80	381
Seeley Lake	59	32	45	0	+0	0.78	+0.50	11.58	+1.81	119	1.98	+1.34	309
Sula	65	24	46	0	+0	0.50	+0.27	11.49	+0.95	109	2.19	+1.62	384
Superior	60	34	48	2	-3	0.71	+0.47	8.05	-0.73	92	1.99	+1.48	390
Swan Lake	58	28	42	0	+0	1.25	+0.82	11.66	-1.53	88	2.04	+1.07	210
Thompson Falls	60	35	48	4	-3	0.89	+0.54	9.92	-0.40	96	2.30	+1.57	315
West Glacier	53	25	43	0	+0	0.90	+0.48	18.04	+3.91	128	2.55	+1.59	266
NORTH CENTRAL													
Chester	65	22	46	6	+5	0.00	-0.14	7.97	-0.55	94	1.22	+0.90	381
Chinook	66	20	45	8	+8	0.00	-0.14	7.71	-2.71	74	0.80	+0.38	190
Choteau	60	21	43	1	-7	0.21	+0.07	10.19	+1.32	115	1.27	+0.95	397
Cut Bank	62	24	45	3	+3	0.00	-0.13	7.74	-2.65	74	1.75	+1.43	547
Ft Assinniboine	66	23	46	5	+2	0.03	-0.17	10.74	+0.48	105	0.29	-0.18	62
Fort Benton	68	22	47	8	-3	0.24	+0.03	14.10	+3.58	134	1.35	+0.87	281
Goldbutte	63	19	44	4	+2	0.00	-0.17	11.59	+0.58	105	2.67	+2.23	607
Harlem	66	22	46	6	+3	0.20	+0.06	12.56	+3.10	133	0.90	+0.51	231
Havre	67	21	48	13	+11	0.01	-0.13	9.69	+0.99	111	0.08	-0.27	23
Malta	66	26	48	16	+14	0.06	-0.14	13.07	+2.67	126	1.11	+0.64	236
Rudyard	65	24	45	2	-1	0.00	-0.13	9.71	+1.37	116	0.90	+0.59	290
Shelby	64	23	43	0	-1	0.05	-0.09	12.02	+2.58	127	2.20	+1.88	687
Turner	64	22	47	6	+4	0.00	-0.08	14.22	+4.93	153	0.58	+0.29	200
Valier	64	24	45	2	-5	0.09	-0.05	13.19	+2.94	129	2.18	+1.84	641
NORTHEAST													
Bredette	68	24	47	7	+5	0.03	-0.11	18.29	+7.31	167	1.17	+0.76	285
Culbertson	69	28	48	10	+7	0.00	-0.20	14.33	+2.91	125	0.25	-0.27	48
Glasgow	68	28	50	14	+12	0.02	-0.12	16.97	+7.88	187	0.49	+0.08	120
Glendive	66	31	50	12	+5	0.08	-0.15	18.73	+7.72	170	0.65	+0.06	110
Jordan	69	25	49	12	+8	0.14	-0.07	13.77	+3.66	136	1.19	+0.67	229
Nashua	70	25	48	11	-1	0.00	-0.21	15.08	+5.16	152	0.83	+0.34	169
Opheim	63	25	45	3	+3	0.00	-0.16	13.42	+2.64	124	0.50	+0.07	116
Plentywood	66	29	47	5	+4	0.09	-0.07	15.77	+4.94	146	0.93	+0.49	211
St Marie	65	19	47	9	+7	0.02	-0.12	14.72	+5.63	162	0.76	+0.35	185
Scobey	69	19	46	7	+7	0.00	-0.14	17.92	+7.35	170	1.60	+1.25	457
Sidney	69	30	50	17	+12	0.04	-0.19	15.24	+3.81	133	0.34	-0.25	58
Wolf Point	69	27	49	10	+6	0.02	-0.12	16.88	+7.13	173	0.90	+0.49	220
CENTRAL													
Cascade	59	24	43	2	+2	0.34	+0.13	13.70	+2.21	119	1.18	+0.63	215
Grass Range	64	28	46	6	+0	0.13	-0.08	20.64	+7.88	162	1.78	+1.27	349
Great Falls	63	27	48	9	+4	0.29	+0.08	13.11	+2.11	119	2.15	+1.65	430
Harlowton	65	22	41	1	-3	0.20	+0.00	19.45	+8.25	174	1.30	+0.83	277
Helena	62	34	49	7	+5	0.13	-0.01	10.80	+2.25	126	0.46	+0.10	128
Lewistown	62	27	46	6	+5	0.20	-0.05	18.46	+5.25	140	2.10	+1.49	344
Martinsdale	63	21	44	2	+2	0.00	-0.20	13.13	+2.38	122	0.52	+0.05	111
Neihart	59	30	42	0	-2	0.33	+0.01	20.11	+4.28	127	1.98	+1.20	254
Rogers Pass	61	27	45	3	+1	0.28	+0.00	14.51	+1.23	109	1.93	+1.24	280
Roundup	67	31	49	13	+2	0.09	-0.17	17.30	+6.69	163	1.73	+1.11	279
Ryegate	66	29	45	0	-2	0.02	-0.18	13.79	+3.62	136	0.82	+0.35	174
Stanford	64	24	45	5	-2	0.19	-0.02	16.91	+3.66	128	0.87	+0.31	155
Townsend	65	29	49	5	-1	0.14	+0.00	7.33	-1.19	86	0.69	+0.37	216
Valentine	67	25	47	9	+8	0.23	+0.09	18.92	+8.43	180	1.96	+1.57	503
Wht Sulphur Spr	57	27	43	0	+0	0.09	-0.13	9.44	-0.77	92	0.58	+0.00	100
SOUTHWEST													
Boulder	60	30	46	0	+0	0.36	+0.22	7.39	-1.62	82	0.72	+0.40	225
Bozeman	60	33	47	1	-3	0.13	-0.18	12.13	-0.02	100	0.79	+0.03	104
Butte	64	29	46	1	+1	0.14	-0.07	9.80	+0.29	103	0.50	+0.02	104
Dillon	69	32	49	8	+6	0.06	-0.08	7.33	-0.74	91	0.41	+0.06	117
Ennis	72	31	49	8	+4	0.11	-0.10	9.64	-0.62	94	0.54	-0.03	95
Lakeview	63	23	45	3	+3	0.66	+0.31	11.50	-1.47	89	2.24	+1.42	273
W Yellowstone	57	25	42	0	+0	0.23	-0.05	9.63	-1.38	87	0.89	+0.25	139
Wisdom	62	19	41	0	+0	0.56	+0.42	8.85	+0.59	107	0.78	+0.37	190
SOUTH CENTRAL													
Billings	65	37	51	22	+12	0.14	-0.14	16.91	+6.63	164	1.33	+0.63	190
Cooke City	56	30	42	0	+0	0.77	+0.42	11.85	-2.47	83	1.48	+0.67	183
Gardiner	72	36	51	16	+9	0.41	+0.27	12.72	+5.62	179	1.25	+0.84	305
Hardin	65	36	50	9	-5	0.20	-0.09	15.84	+7.02	180	1.46	+0.72	197
Huntley	68	32	49	12	+7	0.18	-0.10	16.22	+5.75	155	1.40	+0.73	209
Hysham	66	30	48	8	-2	0.16	-0.12	19.08	+8.82	186	0.79	+0.10	114
Joliet	67	28	46	0	-4	0.15	-0.20	15.75	+4.65	142	1.11	+0.25	129
Livingston	65	34	50	13	+7	0.09	-0.19	11.67	-0.26	98	0.75	+0.08	112
Nye	67	24	47	1	-6	0.30	-0.05	17.02	+3.00	121	1.52	+0.67	179
Rapelje	65	33	48	8	+1	0.19	-0.09	13.51	+2.19	119	1.21	+0.52	175
SOUTHEAST													
Albion	69	31	47	5	+4	0.08	-0.20	17.70	+5.81	149	0.75	+0.13	121
Baker	69	29	49	14	+11	0.08	-0.20	13.41	+2.04	118	0.71	+0.01	101
Broadus	69	29	49	8	+2	0.17	-0.12	16.15	+6.00	159	0.88	+0.22	133
Ekalaka	64	21	46	5	+1	0.07	-0.28	21.18	+7.90	159	0.70	-0.19	79
Miles City	71	29	51	20	+13	0.08	-0.20	17.60	+6.99	166	0.57	-0.07	89
Plevna	70	23	48	14	+11	0.11	-0.17	14.83	+3.46	130	0.65	-0.05	93
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1971-2000. GDD-Growing degree days													